



DEPARTMENT OF PUBLIC HEALTH  
POSTING OF VACANCY  
“DPH Employees are strongly encouraged to apply”

**Sanitary Engineer 1 (Public Health) (May wish to fill as Engineer Intern)**  
**Regulatory Services - Drinking Water Section**

POSTING DATE: September 17, 2014

CLOSING DATE: September 24, 2014\*

**PLEASE FOLLOW THE SPECIFIC APPLICATION INSTRUCTIONS AT THE BOTTOM OF THIS PAGE!**

OPEN TO: The Public

POSITION CONTROL NUMBER: 012823SC

NOTE: THIS NUMBER MUST BE INCLUDED ON YOUR APPLICATION

LOCATION: 450 Capitol Avenue, Hartford, CT

SHIFT/HOURS: 1<sup>st</sup> Shift/35 hours/week

SALARY GROUP/RANGE: San Eng. 1 ES19/\$48,214-\$68,466; Eng. Int – ES 18, Step 5/\$52,177

**San Eng 1 NOTE:** State employees currently holding the above title or those who have previously attained permanent status in the class may apply for lateral transfer. Applicants will not have the opportunity to take the exam prior to the above closing date to qualify for this particular vacancy.

**Eng Intern NOTE:** CANDIDATES APPLYING FOR THIS POSITION MUST MEET THE MINIMUM QUALIFICATIONS REQUIRED OR BE ELIGIBLE FOR LATERAL TRANSFER.

**Preferred Skills:**

In order of priority:

- At a minimum, a bachelor's degree in civil, environmental, sanitary or chemical engineering;
- Experience with spreadsheets, databases, and word processing software including MS Excel, MS Access and MSWord;
- Experience with data collection, analysis and interpretation;
- Work or academic experience using verbal and written communication skills and technical writing;
- Experience working independently and as part of a team;
- Engineering or academic experience in drinking water treatment, drinking water distribution systems, water quality and source water protection;
- Valid driver's license and willingness to travel throughout the state to conduct site visits.

**(Sanitary Engineer 1): MINIMUM QUALIFICATIONS REQUIRED**

**Knowledge, Skill and Ability:**

Knowledge of principles and practices of sanitary engineering with reference to water supply, sewage and bathing places but not including sanitary aspects of industrial hygiene, milk production or insect control; knowledge of methods and practices of sewage treatment and water purification; interpersonal skills; oral and written communication skills; ability to conduct detailed sanitary engineering investigations and studies; ability to prepare and review plans and sketches of water and waste sewage treatment facilities; ability to conduct and interpret chemical, bacteriological and microscopic analyses of water and wastes.

**EXPERIENCE AND TRAINING:**

**General Experience:**

Five (5) years of experience in sanitary engineering involving groundwater, the design, construction or operation of water, sewage, industrial, solid or hazardous waste treatment plants and equipment, the inspection and regulation of water supplies or the investigation of sanitation and waterway pollution problems.

**Substitutions Allowed:**

1. College training in civil or chemical engineering with courses in sanitary engineering, soils engineering or waste management may be substituted for the General Experience on the basis of fifteen (15) semester hours equaling one-half (1/2) year of experience to a maximum of four (4) years for a Bachelor's degree.

2. A Master's degree in sanitary, civil or chemical engineering may be substituted for the General Experience.

**Working Conditions:** Incumbents in this class may be exposed to some risk of injury or physical harm from on-site environments and a moderate degree of discomfort from exposure to year-round weather conditions.

**(Engineer Intern): MINIMUM QUALIFICATIONS REQUIRED**

**Knowledge, Skill and Ability:**

General knowledge of basic engineering theories, principles and methods; skill in use of drafting and calculating instruments; considerable ability in performing mathematical computations, making neat and accurate drawings and preparing minor design and structural details; ability to utilize computer software.

**EXPERIENCE AND TRAINING:**

**General Experience:** A Bachelor's degree in the discipline required by the target class. (Civil, environmental, sanitary, or chemical engineering required.)

**PLEASE NOTE:** This position will be filled in accordance with reemployment, SEBAC, transfer, promotion and merit employment rules.

**Application Instructions:** ANYONE WISHING TO APPLY FOR THIS POSITION MUST SUBMIT A COMPLETE State of Connecticut Application Form for Examination and Employment (Form CT-HR-12) INCLUSION OF A RESUME IS OPTIONAL. THE ORIGINAL AND ONE COPY OF ENTIRE APPLICATION PACKAGE MUST BE RECEIVED NO LATER THAN THE CLOSING DATE AT THE TOP OF THIS FORM AT:

Department of Public Health  
410 Capitol Avenue, MS #13PER  
PO Box 340308  
Hartford, CT 06134-0308  
FAX: 860-509-7184 (if faxing, only one application is necessary)  
EMAIL: dph.recruitment@ct.gov

\* The closing date is for this posting. This may differ from the examination closing date for a competitive examination.

Questions regarding this process should be directed to the Human Resources Office (Recruitment Hotline, 509-7223).

**THE DEPARTMENT OF PUBLIC HEALTH AIMS TO PROVIDE EQUAL OPPORTUNITY IN ALL ASPECTS OF EMPLOYMENT AND ADVANCEMENT, FOSTERING AN ENVIRONMENT COMMITTED TO SUPPORTING INDIVIDUALS IN ALL PROTECTED CLASSES. IF YOU REQUIRE AID/ACCOMMODATION TO PARTICIPATE FULLY AND FAIRLY, PLEASE CONTACT THE AFFIRMATIVE ACTION OFFICE AT 860/509-7220.**